

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	375	(cam near4 (grip\$3 or hold\$3 or friction\$5 or lock\$3)) same battery	US-PGPUB; USPAT	OR	ON	2009/01/21 09:42
L2	7	(cam near4 (grip\$3 or hold\$3 or friction\$5 or lock\$3)) same battery same charger	US-PGPUB; USPAT	OR	ON	2009/01/21 09:43
L3	46	(cam near4 (grip\$3 or hold\$3 or friction\$5 or lock\$3)) near4 battery	US-PGPUB; USPAT	OR	ON	2009/01/21 09:43
S1	54571	"320".clas. or "429".clas.	US-PGPUB; USPAT	OR	ON	2008/01/24 14:41
S2	4289	S1 and (battery adj3 charger)	US-PGPUB; USPAT	OR	ON	2008/01/24 14:41
S3	199	S2 and (battery with (space or cavity or hole or chamber or compartment)) and (battery adj3 (grip\$4 or clamp\$4 or grasp\$4 or hold\$3))	US-PGPUB; USPAT	OR	ON	2008/01/24 14:45
S4	202	S2 and (battery near3 (space or cavity or hole or chamber or compartment)) and (battery near3 (grip\$4 or clamp\$4 or grasp\$4 or hold\$3))	US-PGPUB; USPAT	OR	ON	2008/01/24 14:47
S5	1	S4 and ((grip\$4 or clamp\$4 or grasp\$4 or hold\$3) near3 cam)	US-PGPUB; USPAT	OR	ON	2008/01/24 14:47
S6	0	S4 and ((grip\$4 or clamp\$4 or grasp\$4 or hold\$3) near3 camshaft)	US-PGPUB; USPAT	OR	ON	2008/01/24 15:11
S7	9	S4 and ((grip\$4 or clamp\$4 or grasp\$4 or hold\$3) near3 (rotat\$3 or wheel or cam or trippet))	US-PGPUB; USPAT	OR	ON	2008/01/24 15:11

S8	65	S2 and (battery near3 (space or cavity or hole or chamber or compartment)) and (battery with ((space or cavity or hole or chamber or compartment) near3 (grip\$4 or clamp\$4 or grasp\$4 or hold\$3)))	US-PGPUB; USPAT	OR	ON	2008/01/24 15:24
S9	21	(rotat\$3 near3 (grip\$3 or hold\$)) and ((grip \$3 or hold\$) adj2 battery) and (battery adj charger)	US-PGPUB; USPAT	OR	ON	2008/01/24 15:29
S10	0	((rotat\$3 or move or manual\$3) near3 ((grip \$3 or hold\$) adj2 battery)) and (battery adj charger)	US-PGPUB; USPAT	OR	ON	2008/01/24 15:34
S11	15	((rotat\$3 or move or manual\$3) with ((grip \$3 or hold\$) adj2 battery)) and (battery adj charger)	US-PGPUB; USPAT	OR	ON	2008/01/24 15:34
S12	384	(retain\$3 near3 battery) and (battery adj charger)	US-PGPUB; USPAT	OR	ON	2008/01/24 15:41
S13	15	S12 and ((grip\$4 or clamp\$4 or grasp\$4 or hold\$3) near3 (rotat\$3 or wheel or cam or trippet))	US-PGPUB; USPAT	OR	ON	2008/01/24 15:41
S14	199	S1 and (retain\$3 near3 battery) and (battery adj charger)	US-PGPUB; USPAT	OR	ON	2008/01/24 15:46
S15	2	S1 and ((retain\$3 near3 battery) with rotat\$3) and (battery adj charger)	US-PGPUB; USPAT	OR	ON	2008/01/24 15:46
S16	0	S1 and ((retain\$3 near3 battery) with manual\$3) and (battery adj charger)	US-PGPUB; USPAT	OR	ON	2008/01/24 15:47
S17	4	S1 and ((retain\$3 near3 battery) with activat\$3) and (battery adj charger)	US-PGPUB; USPAT	OR	ON	2008/01/24 15:47
S18	162	320/113.ccls.	US-PGPUB; USPAT	OR	ON	2008/01/24 15:57

S19	49	S18 and rotat\$4	US-PGPUB; USPAT	OR	ON	2008/01/24 15:58
S20	28	S19 and (battery adj charger)	US-PGPUB; USPAT	OR	ON	2008/01/24 15:59
S21	34	("3881961"   "5394073"   "5604050"   "5656914"   "5691618"   "5851692"   "5856038"   "5910380"   "6002236"   "6049192").PN. OR ("6127802").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/24 16:03
S22	18	("5347208"   "5656914"   "5689171"   "6049192").PN. OR ("6124699").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/24 16:08
S23	84	S18 and (battery adj charger)	US-PGPUB; USPAT	OR	ON	2008/01/24 16:46
S24	56	S23 not S20	US-PGPUB; USPAT	OR	ON	2008/01/24 16:47
S25	386	320/107,110.ccls. and (battery adj charger)	US-PGPUB; USPAT	OR	ON	2008/01/24 16:54
S26	131	S25 and ((grip\$4 or clamp\$4 or grasp\$4 or hold\$3) near3 battery)	US-PGPUB; USPAT	OR	ON	2008/01/24 16:54
S27	57	S26 and (charger near4 (housing or cas \$3))	US-PGPUB; USPAT	OR	ON	2008/01/24 16:55
S28	44	(battery adj charger) and (cam near3 assembly)	US-PGPUB; USPAT	OR	ON	2008/01/24 17:03
S29	12	(battery adj charger) and ((cam near3 mechanism) same battery)	US-PGPUB; USPAT	OR	ON	2008/01/24 17:07
S30	12	"5217824"	US-PGPUB; USPAT	OR	ON	2008/01/24 17:12
S31	15	"6124699"	US-PGPUB; USPAT	OR	ON	2008/01/24 17:35

S32	105	((housing or casing) same battery same (cavity or chamber or compartment)) and electrode and (grip\$4 or clamp\$3 or hold\$3) and (battery adj charger)	US-PGPUB; USPAT	OR	ON	2008/01/25 10:53
S33	31	S32 and "320".clas.	US-PGPUB; USPAT	OR	ON	2008/01/25 10:53
S34	43	((housing or casing) same (battery with (cavity or chamber or compartment))) and electrode and ((grip\$4 or clamp\$3 or hold\$3) near3 battery) and (battery adj charger)	US-PGPUB; USPAT	OR	ON	2008/01/25 10:26
S35	78	((battery with (cavity or chamber or compartment))) and electrode and ((grip\$4 or clamp\$3 or hold\$3) near3 battery) and (battery adj charger)	US-PGPUB; USPAT	OR	ON	2008/01/25 10:32
S36	35	S35 not S34	US-PGPUB; USPAT	OR	ON	2008/01/25 10:32
S37	15	"6124699"	US-PGPUB; USPAT	OR	ON	2008/01/25 10:37
S38	17	"5347208"	US-PGPUB; USPAT	OR	ON	2008/01/25 10:42
S39	27	"5656914"	US-PGPUB; USPAT	OR	ON	2008/01/25 10:42
S40	30	"5689171"	US-PGPUB; USPAT	OR	ON	2008/01/25 10:42
S41	31	"6049192"	US-PGPUB; USPAT	OR	ON	2008/01/25 10:43
S42	9	(battery adj charger) and electrode and (cam same battery same (grip\$3 or clamp \$4 or hold\$3))	US-PGPUB; USPAT	OR	ON	2008/01/25 11:10
S43	8	electrode and (cam same (battery near2 (grip\$3 or clamp\$4 or hold\$3)))	US-PGPUB; USPAT	OR	ON	2008/01/25 11:51
S44	55	(cam near2 (grip\$3 or clamp\$4 or hold\$3)) same battery	US-PGPUB; USPAT	OR	ON	2008/01/25 13:07

S45	762	cam near3 battery	US-PGPUB; USPAT	OR	ON	2008/01/25 13:18
S46	30	S45 and ("320".clas. or "429".clas.)	US-PGPUB; USPAT	OR	ON	2008/01/25 13:18
S47	10	(manual\$4 near2 rotat \$3) same (battery near2 (grip\$3 or hold \$3 or clamp\$3))	US-PGPUB; USPAT	OR	ON	2008/01/25 13:59
S48	6	"5844401"	US-PGPUB; USPAT	OR	ON	2008/01/25 14:01
S49	1	"10/757146"	US-PGPUB; USPAT	OR	ON	2008/01/28 14:04
S50	7	(grip\$3 same insert) and cam and (battery near3 charger)	US-PGPUB; USPAT	OR	ON	2008/01/28 14:43
S51	2	jp-2001179663-\$ did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/01/28 14:52
S52	1	gb-2,276,963-\$ did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/01/28 14:52
S53	14455	320/123.ccls. or "290". clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/01/28 16:37
S54	25	S53 and (cam same battery)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/01/28 16:37
S55	75	"320".clas. and (cam same battery)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/01/28 16:41
S56	28	320/107,113.ccls. and cam	US-PGPUB; USPAT	OR	ON	2008/07/22 16:12
S57	17	320/107,113.ccls. and (cam same battery)	US-PGPUB; USPAT	OR	ON	2008/07/22 16:20
S58	14	("5293109"   "5401592"   "5467469"   "5481730"   "5762512"   "5832282"   "6051334"   "6081752"   "6225777"   "6302454"   "6304981"   "6463492"   "6587951"   "6847192").PN. OR ("7299373").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/22 16:28

S59	8	320/107,113.ccls. and (cam same (latch\$3 or lock\$3))	US-PGPUB; USPAT	OR	ON	2008/07/22 18:24
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1/21/2009 9:45:05 AM

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